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APPALACHIAN LUMBER PRICES

1938 - 1952 Incl.

by Henry B. Steer





UNITED STATES DEPARTMENT OF AGRICULTURE FOREST SERVICE
DIVISION OF FOREST ECONOMICS
DECEMBER 15, 1953



APPALACHIAN LUMBER PRICES

1938 - 1952

805.139

Introduction

This report presents a record of lumber prices in the Appalachian region for the 15-year period 1938-52, inclusive. This information has been compiled from periodic sales reports issued, usually weekly, by the J. C. West Lumber Service Corporation of Cincinnati, Ohio, and based on sales reported by a number of sawmills in the Appalachian region. This region includes all of West Virginia and parts of Maryland, North Carolina, South Carolina, Georgia, Tennessee, and Kentucky. The principal species covered are hardwoods but sales of lumber of some softwoods are also included.

The price data summarized in this report may be useful for economic studies of timber production in the Appalachian region and other phases of forest management. These prices cover various grades of lumber of different species but do not indicate timber values for veneer, cooperage, or other forest products.

Volume of Sales as Reported

The prices presented are based on reported sales of more than 1 billion feet of lumber of 1 inch or more in thickness. Reported sales averaged about 70 million feet per year but varied as shown in table 1. Both domestic and export sales are included.

Table 1. -- Volume of Appalachian Hardwood Lumber Sales Reported

Year	M board feet	Year	M board feet
1938	86,102.2	1947	66,617.2
1939	112,062.5	1948	68,444.1
1940	132,594.0	1949	49,095.4
1941	130,385.3	1950	73,560.1
1942	122,347.9	1951	53,270.6
1943	44,550.5	1952	43,779.2
1944	30,533.2		
1945	14,314.5	Total	1,042,293.7
1946	14,637.0		a supplied the supplied to the

The Appalachian region has about 15 percent of the sawmills in the United States and has produced about 5 percent of the total lumber cut.

Less than 1 percent of the mills in the Appalachian region, with an average cut of about 5 percent of the region's total lumber output, reported to the West Corporation during the period covered. The reporting mills included the larger and more permanent types that sell lumber mainly to lumber dealers or large consumers. The prices given may therefore be somewhat higher than prices realized by the small portable mills common throughout the Appalachian region.

During the life of Office of Price Administration (1941-46) the quantity of lumber reported sold dropped from 130 million feet to 14 million feet. In addition, the percentage of lumber reported sold in "miscellaneous grades" greatly increased.

The quantity of lumber of the principal species sold in the areai.e. the oaks, maple, yellow poplar, basswood, pine, and hemlock--was
sufficiently large in most years to give average prices of considerable
reliability (table 2). The limited price data available for the other
species may not be representative, however, and should be used with this
fact in mind.

Appalachian Lumber Prices in Relation to B.L.S. Lumber Price Indexes

Average prices by species are shown for each year during the period 1938-52 (table 2). For all species combined average prices rose from \$36.91 per thousand board feet in 1938 to \$120.66 in 1951. In terms of price indexes, Appalachian lumber prices increased from 100 in 1938 to a peak of 326.9 in 1951 (table 3). Softwood prices showed larger increases than hardwood prices.

The Bureau of Labor Statistics lumber price index in 1951 was 402.1 (table 3) or considerably higher than the average index for Appalachian lumber. The B.L.S. compiles prices of individual lumber items of several species for a composite "lumber" price index, but no separate information is given on hardwood and softwood lumber prices. It is understood that the B.L.S. index of lumber prices is weighted by softwoods and hardwoods by ratios of 80.3 and 19.7 respectively, based on proportions of average United States production since 1938. The average prices and indexes of Appalachian species reported herein, on the other hand, are based on 85 percent hardwoods and 15 percent softwoods. Price trends for softwood and hardwood lumber since 1938 have been very different, and the two indexes (Appalachian and B.L.S.) are therefore not directly comparable.

If Appalachian lumber prices are weighted by softwoods and hardwoods by the ratios of 80.3 and 19.7 percent respectively, however, index numbers agree more closely with those for "lumber" developed by the Bureau of Labor Statistics. Thus in 1951 the Appalachian lumber price index on this weighted basis was 372.5, or about 14 percent higher than the unweighted index shown in table 3. The trend of Appalachian lumber prices on this weighted basis is practically identical with the B.L.S. trend of "lumber" prices for the period 1938-43 inclusive; higher than the B.L.S. indexes for the period 1944-46 inclusive, and lower than the B.L.S. trend since 1947. One reason why average Appalachian lumber prices have not risen as rapidly as the B.L.S. lumber price indexes since 1946 apparently is because of the increasingly larger percentage of the poorer grades of Appalachian lumber reported sold in this period (tables 5-10).

Prices of Individual Species

Table 4 gives average annual prices and price indexes for the 18 principal species which comprise more than 95 percent of all reported sales. Seven of these species comprise about 70 percent of all sales as follows: yellow poplar 20 percent; white oak 15.6; red oak 9.3; hemlock 6.9; hard maple 6.4; yellow pine 6.1; and basswood 5.3.

When average prices of lumber of these species as actually reported are compared with prices computed by holding the percentages of the various grades constant—i.e. at the average for the entire period—the differences are relatively small for most species (tables 4-10 inclusive).

Some apparent inconsistencies between the average prices of some species shown in table 4 may be explained by utilization practices. The principal use of red oak, for example, is for lumber, while white oak logs of high quality have alternative uses in the production of veneer, cooperage, and ship timbers for which they may be more valuable than for lumber. Use of white oak logs of high quality for such special uses, particularly during the war years, lowered the quality of the sawlogs available for manufacture into lumber to such an extent that average values of red oak lumber were higher than average white oak lumber prices.

Trends in Grade Recovery

Prices by lumber grade are shown in tables 5-11 for seven of the principal Appalachian lumber species. Prices and proportions of various grades cut during the years 1938-52 are given in the accompanying charts showing grade recovery for four of the principal species cut in the region.

These J. C. West price data indicate a significant decline in the average grade of lumber cut from Appalachian species since 1938. With regard to yellow poplar, for example, 1sts and 2nds comprised 9.8 percent of the total sold in the period 1938-42, compared with 1.3 percent in 1947-51. No. 1 Common lumber comprised 33 percent and 26 percent respectively in these periods. Percentages of 1sts and 2nds obtained from the principal species sold were as follows:

Species	1938-42	1947-51
Yellow poplar	9.8	1.3
White oak	14.2	4.5
Red oak	30.0	24.4
Hard maple	21.5	10.2
Basswood	20.1	11.2

Other marked changes in the distribution of grades reported sold are shown in tables 5-11 and the accompanying charts.



TABLE 2 - APPALACHIAN LUMBER PRICES

1938 - 1952 Inclusive

	1938		1939		1940	
SPECIES	Board Feet	Average	Board Feet	Average	Board Feet	Average
		49		-00		46-
SOFTWOODS						
Codar, Eastern red	36,500	51.89	32,800	50.64	52,750	52.22
Hemlock, Eastern	3,139,001	22,63	6,445,765	24.86	9, 533, 390	28.13
Pine, Northern white	3,687,307	25.89	2,916,724	26.99	2,672,087	30,30
Pine, Southern yellow	6,475,000	21,51	7,409,599	23.41	10,677,398	26.54
ಗ್ರೀಚಿ	13,337,808	23.07	16,804,888	24.64	22,935,625	27,69
HARDWOODS						
Ash	583,098	48,11	823,032	51.74	1,652,518	46,21
Easswood	5,037,509	47.98	7,735,623	43.02	7,887,951	37,52
Beech	1,445,279	27.52	1,482,720	30,19	2,613,300	34.26
Birch	532,827	44.13	420,100	51.71	635, 700	55.08
Buckeye	201, 500	30,56	492,168	27,31	490,000	33.49
Butternut	31,000	56,71	22,000	49.71	172,500	36.76
Charry	334,700	48.07	174,900	48.66	259,100	64.25
Chestaut	7,002,320	27.62	7,201,417	27.48	8,627,050	29.90
Elm	9,500	31.08		0	3,000	31.65
Gum, red	2,800	100,55	26,000	23.22		0
Gum, sap	000 68	16.50	29, 500	17.88	31,000	23.67
Cam, tapelo	0	8	66,000	15.86	196,100	28.43
Hickory	54,700	57.44	292,260	42,24	361,200	43,89
Louist	4,000	39.55	6,000	28.97	16,000	41,03
Maple, unapecified	469,475	44.88	108,000	44.68	45,000	23,18
of sold	7 195 71A	AG AA	S OAR ZEN	49 %0	820 706 0	201
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Table SOL C	100 000 00 00 00 00 00 00 00 00 00 00 00	000000000000000000000000000000000000000	01000000000000000000000000000000000000	10 0 F	1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	20 co
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Care Lou	000000000000000000000000000000000000000	00 °CH	500 000	20.00	TOPOLICE	THE OF
OOK, white	14,819,394	46.93	20,839,754	48.98	22, 568, 653	52°9&
Poplar, yellow	18,049,269	41.19	26,317,608	40.46	27,091,340	42.61
Sycamore	1,000	53.00	8	1	9	8
Walnut, black	363,100	72,01	308,900	86.53	610,584	78.41
Mixed	2,272,950	12.60	8,799,173	14,48	2,547,838	15.07
To tal	72,764,454	39.44	95, 257, 560	40,37	109,658,396	45,13
TOTAL ALL SPECTES	86 109 969	6.0%	119.069.448	38.01	132,594,021	40,46
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TABLE Z - AFFALACHIAN LUMBER PRICES (CONTINUED)

Page 2 of D

	1941		1942		1943	
SPECIES		Average		46		4
	Board Feet	Price	Board Feet	Price	Board Feet	Price
		49		***		*8%
SOFTWOODS	001 326	200	VO2 8 E	200	ı	
County Date Cold I've	007 000	20° C%	00000	9	i () [
CV 01 02 02 02 02 02 02 02 02 02 02 02 02 02		4 60	000	277 00	00000	8 6 08
Hemlook, Mastern	(, 549, 300	000	10° 200° 200°	07 07 07	#10°080°2	* C C C
Pine, Northern white	4,313,773	37.052	2,806,366	44.73	542,300	46°18
Pine, Southern yellow	7,119,758	32.73	16,829,093	32,07	1,405,689	42,61
Spruce, Eastern	4,000	30°00	g	8	8	0
Mixed	20,000	23,18		8	18,000	48 33
Total	19,069,617	34,35	30,118,195	35,10	4,862,063	41,56
HARDWOODS						
ASI	2,171,076	59.05	1,277,780	70.66	270,063	66°33
Basswood	7,863,474	53,17	5,334,830	57,48	2,420,646	53.36
Веест	4,903,462	39,12	3,410,461	45,54	2,037,362	49.96
Birch	792, 497	54,76	913,300	63,73	203,933	73,48
Date Case	0000	70 70	508 A08	46 74	2000	47.47
buckeye	000 g 10#	OH # 92#	0.000	# 1 • OF	1000000	4
Don despenses of the second	159 700	89.89	119,000	48,40	54.968	47.82
Da creature	000000000000000000000000000000000000000		0000	24 26	000 200	27 98
Charly	OTTO	07000	000,000	020	7 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	3 6
Chestaut	4,420,770	37.04	2, 201, WW	40.00	112612C	\$ 00 00 00 00 00 00 00 00 00 00 00 00 00
E) m	16,000	28.03	Ð	9	200	33.07
Gum, black	333,000	38, 56	176,000	38.77	41,000	40.32
	6	i E				
Gum, red	16, 500	77.084	9 0	0 5	3 6	1 5
Gran, sap	318,400	57,31	84° 000	41.65	24,000	04.00
Hokory	845, 971	43.75	570,544	00047	000 %	00000
Locust	7,836	26.07	8,000	46.50	000 %	20°./3
Maple, unspecified	124,000	36,13	25, 500	50.88	39,000	80.83
			() () () () () () () () () ()	0	0	000
Maple, hard	9,100,222	61,39	5,738,065 1,000,000	51.60	2,500,871	10000
Maple, soft	2,758,800	56,88	1,826,741	67.97	638,596	59°70
Oak, unspecified	8,179,294	80°0%	10,829,813	32.12	6,461,861	4I.79
Oak, red	10,966,011	65.05	9,515,320	68.40	3,630,638	67.03
Oak, white	25,058,678	65,73	21,847,966	71.33	8,012,152	65,66
				(3
Poplar, yellow	27,909,265	51.15	20,990,754	20.00	1, 6000 X450	00000
Sycamore	39,000	37.13	24,000	42,25	8	8
Walnut, Disori	736,829	71.78	289, 435	86.93	39,293	67.83
	3,456,000	8	5,922,834	22,63	4,097,683	26.96
Total	111,315,635	100 100 100 100	92,189,686	56.94	39,673,431	55,98
SETTED CORP AND HADIMANDS	1		40,000	rc.	15,000	13,70
MINED SOFT AND DAMPHOODS	0		200	4	0	
SET MODE & F & A SECTION OF THE SECT	120 22 021	e e	199 347 881	in the second	44.550.494	54,30
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TABLE 2 - APPALACHIAN LUMBER PRICES (Continued)

1938-1952 Inclusive

	1944		1945		1946	
SPECIES		Average		Average		Average
	Board Feet	Price	Board Feet	Price	Board Feet	Price
		69		49:		0
Hemlock, Eastern	3,990,230	46.18	1,890,324	49.36	1,569,508	65,26
Pine, Northern white	324,248	64.22	205,000	56.58	141,000	72.33
Pine, Southern yellow	0	8	0	0	717, 500	78.85
Spruce, Eastern	9	8	0	1	7,000	70.00
Total	4,314,478	47.53	2,095,324	50.06	2,435,008	69°69
HARDWOODS						
Ash	154,500	76.52	61,000	TI. 74	124,500	107.35
Basswood	1,484,000	66.89	405, 200	66.61	753,800	100.72
Beech	1,165,500	59.06	750,000	59.74	909,684	75.04
Birch	272, 200	82.51	42,900	84.74	74,422	93.85
Buckeye	65,000	67.01	41,000	53.22	125,000	69 • 68
Butternut	8	9	2,000	59.64	13,000	74.52
Cherry	140,500	95.22	36,000	93.34	50,000	90.75
Chestout	164,508	55,26	83,000	42,41	481,500	66.11
Elm	3,500	61.83	1,000	47.00	9	0
Gum, black	10,000	50.33	73,000	46.39	63,000	54.20
He son		(37,000	55.44	(0
	001 370	20 60	0000	62 72	2000	20 0
Townst.	00166#0 .	00010	000,112	00°10	00/ 600	3T • 20
	8 8 8	9	200 61	0 0 0		8 0
Maple, mard Maple, soft	475,500	71.44	170, 300	93.11 64.49	738,500	214. 25 36. 25
Oak, unspecified	3,548,057	45,10	2,403,455	47.97	2,294,733	70° 68
Cak, red	1,690,315	75.44	907,839	70.45	1,289,983	86.58
Oak, white	4,700,272	69°88	1,881,395	73,15	1,975,866	92.92
Pecan.	ð	0	8	0	36,000	108.50
Poplar, yellow	6,777,384	65.37	3,072,600	64.43	2,112,068	85, 38
Sycamore	5	0	9	8	10,000	62,13
Walnut, black	50,000	110,32	9	6	39,500	187.80
Mixed	2,824,675	32,41	1,232,000	32.74	817,000	35,43
Total	26,218,711	63.03	12,219,189	61,31	12,201,948	82.46
TOTAL ALT SPECIES	30.533.189	60.84	14.514.513	59 . 66	14.636.956	80,33
	To a day of a day	2		-	The second secon	

1938-1952 Inclusive

	1947		1948		1949	
SPECIES	Board Feet	Average	Вовто Реес	Average	Board Feet	Average
		€\$		49		109-
sor Iwoods Gedar, Eastern red	64,000	146,64	70,000	136.07	307,000	102,80
Hemlock, Eastern	6,600,156	70.05	2,190,405	78.43	1,862,754	68.94
Pine, Northern white	813,200	95,89	460,497	99.17	285,408	69.42
Pine, Southern yellow	2,453,873	92,19	714,170	93.03	1,223,163	71.70
Mixed	20,000	39 . 50	80,683	56.24	33,000	19,50
Total	9,951,229	78.32	3,515,755	84.75	3,711,325	72.25
HARDWOODS						
Ash	906, 214	118.29	1,071,482	131,18	514,469	118,06
Basswood	2,753,756	114,62	2,903,301	122.89	2,131,239	111,16
Beech	3,959,188	83.76	4,053,493	96°66	2,428,719	96,12
Birch	825,358	115.47	579,013	131.36	366,178	140.88
Buckeye	1,061,486	89.57	827,538	97.21	708,377	85.63
Ru + + com +	19 199	110.48	48 469	70.02	מוז פא	107.67
Ob contains	361 667	30 00	200,000	ואיני בי	010 600 000 000	70°07
Chestant	303,000 x 257 070	70 65	1 881 994	76.00	1 004 000	78 21
Cottomenod			5,000	- S	000000	0 0
Elm	10,000	68,75	39,000	56.86	31,000	58,65
	•	,			•	
	843	86.49	0	8	0	9
	570,544	81,32	606,675	77.48	524,000	65.84
	30,000	67.50	27,000	137.07	9 5	3
	4I,000	86.13	89,086	122,51	46,500	119.69
Gum, tapelo	30,000	75.00	34,000	84.06	0	0
Hickory	1,326,489	94.56	938.345	100.30	1	8
Maple, unspecified	18,000	112,50	9	9	9	
Maple, hard	3,833,693	133.27	4,467,852	148,71	3,372,432	127,79
Maple, soft	1,189,659	109.16	832,539	117.32	607,529	98,55
Oak, unspecified	7,560,877	69*69	13,494,711	67.34	9,626,565	63,76
Oak, red	6,923,731	118.28	7,675,687	133.12	6,109,423	131,22
Oak, white	6,733,949	111.73	7,042,772	124.56	4,400,129	129.34
Persimon	it	0	•	0	27,446	82.96
Poplar, yellow	11,784,165	111.93	12,722,972	119.41	10,523,885	109.12
Sycamore	42,000	. 68 30	31,000	87.90		9
Walnut, black	280,600	196.46	396,117	184.49	311,579	150.59
Mixed	3,212,310	49.91	4,817,959	44.28	2,164,489	37.96
Total	56,666,001	100.45	64,928,384	104,70	45,384,115	100.83
POTINGO 114 INDOP	66 617 230	97 14	68 444 129	10% GB	49 095 440	98.67
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	1950		1921		1938-1951	1938-1951 Inclusive	6		1952	
SPECIES	Board Feet	Average	Board Feet	Average	Board Feet	Peroent	ent 1/	Board Feet	Average Price	Percent
		<>>		*			1		44	
SOFTWOODS Cedar, Eastern red	142,500	104.80	153,500	133.71	1,111,250	2	0	10,000	138.50	72
Cypress	274,274	79.78	205,000	75.82	505, 274	joj	ı	•	,	11
Hemlock, Eastern	5, 216, 546	79.15	5,061,159	90.54	68,111,734	φ, φ	o. 0	5, 234, 490	88.22	11.9
Pine, Northern white	933,816	94.21	400,891	106.47	20,602,617	7.7	1.00	245,475	106.85	٥
Pine, Southern yellow	2,740,502	81.36	2,758,364	88.47	60, 524, 109	1,0	1.0	00/ 17/ 1	70.00	200
Spruce, Eastern	1 20	1 2 40	21,125	0000	32,125	ો	. (27 150	92.55	oja o
Total	9.330.688	81.67	8,625,039	96.06	151,107,042	15,1	15,1	7,267,066	88.98	16.6
TA DIMONDO										
Ash	1,210,370	121.72	799,887	145.44	11,619,989	1.2	1.2	508,629	127.84	1.2
Basswood	3,514,163	123.53	1,886,811	145.20	52,112,303	5.2	5.3	1,369,375	121.54	3.1
Beech	4,102,577	89.23	3, 256, 239	111.06	36,517,984	3.7	3.7	2,330,404	117,16	5.3
Birch	667,920	116.27	521,179	194.72	6,847,527	.7	.7	583, 399	156.00	1.3
Buckeye	1,192,743	94.17	565,768	115.28	7,034,124		.7	440,159	90.07	0.1
		1	6		6	``		200	140	/6
Butternut	82,761	100.45	831 68	143.53	87.5, 67.5	7	1	000 %	12001	<u>J</u>
Cherry	349, 297	153.58	752,93I	10101	110,100,4	9 0	0 0	301 301	104 70	2/6
Chestant	459,920	90.14	320, 569	101.97	37, 308, 526	0,0	0.0	GOT GOT	TO#* 00	ज
Cottonwood				1 8	000,6) je	1	•	•	•
四四	29,000	61.54	2,000	00.09	146,000	ો	ı	•	1	•
Elm. rook		,		ı	843	/2	ı	1	1	
Gum, black	250,186	69.62	93,000	79.49	2,740,405	ivi	ı	372,406	80.91	8,
Gum, red	•		32,500	135,59	134,800	, 16	1	000*96	80.16	्रा
	202, 508	105.21	12,000	100.67	983,974	n)k	ı		ı	
Gum, tupelo	•	1	ı	•	306,100	ग	1	9	•	0
History	396.475	110.67	481.500	112,32	6, 555,882	9	.7	165,000	104.10	/2
Louist	2 1				50,336	2	1		ı	1,
Maple, unspecified	1	0		1	828,975	joj l	ı	•	1	1
Maple, hard	3,891,385	139,43	2,992,046	172.68	63,926,275	6.4	4.6	3,611,999	169.93	φ 6 7 8 10 10 10 10 10 10 10 10 10 10 10 10 10
Maple, soft	1,235,108	121.49	1,082,476	120.73	# 86 °C 90 °C T	7	1	O LO COTO CT	21.0011	
Oek, unspecified	9,853,159	71.38	7,138,111	72,45	104,420,535	10.5	10.5	5,855,667	62,16	13.4
Oak, red	8, 253, 237	141,15	6,578,419	160.79	92,575,841	9.3	9.3	4,239,727	152,49	9.7
Oak, white	8,576,185	128.47	5,706,804	149.84	154,163,969	15,4	15.6	3,409,989	144.87	0
Peogn	1	1		1	36,000	જો	1	1	1	ı
Persimon		,	•	1	955°1.2	ો	1	•		
Poplar, vellow	13,977,598	113,51	8,826,342	120.57	197,760,498	19.8	0.00	9,580,765	108.79	21.9
Sycamore	187, 500	90.25	37, 209	107.38	371,709	72	0	38,000	94.91	ল
Walnut, black	709,150	163,64	574,133	194.64	4,709,218	ا ئ	ů.		194.36	0.1
Mixed	5,088,180	54.45	2,896,495	65,56	45,149,586	4.5	4.5	1,206,653	77.07	2.8
To tal	64, 229, 422	108,75	44,645,547	126.40	847, 352, 479	84.9	84.9	36,512,089	118.69	83.4
MIXED SOFT AND HARDWOODS	•	1		1	92,000	/2	•	1	•	1
				000	1000	5		AR 770 155	75 76	5
TOTAL ALL SPECIES	73,560,110	105,31	53, 270, 586	120.66	120 414 521	8		00 T 6611 60#		2
					230,000,000	,	3			

I/ Eliminating species comprising less than one-half of one percent of the total. $\frac{2}{2}$ Less than one-half of one percent.

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TABLE 3 - APPALACHIAN LUMBER PRICES

INDEX NUMBERS, and B.L.S. "LUMBER" INDEX NUMBERS

1938-1952 Inclusive

B.L.S. 1/	Index	Numbers 2/			100.0	106.6	117,7	140.2	151.9	161,8	1.75.4	177.5	204.1	317.6		358,1	327,2	374.6	402,1	392 0
All Species	Index	Numbers 2/			100.0	105,5	116,9	145.0	149.9	168.9	1.92.4	198,9	274.7	314.5		337.3	298.7	330.9	372.5	360,7
S IIA	Average	Price $5/$		€\$	26,29	27,74	30,73	38,11	39,40	44.40	50,58	52,28	72,21	85.68		88,68	78.51	87,00	97,94	94,83
All Species	Index	Numbers 2/			10000	103.0	109°6	137.2	139.7	147,4	164.8	161.6	217.6	263,2		280.9	267.3	285,3	326.9	308.2
All S	Average	Price		€/}	36.91	38°01	40.46	50.65	51,55	54.39	60.84	59,66	80.33	97.14		103,68	98.67	105,31	120.66	113.76
Hardwoods	Index	Numbers 2/			100.0	102,4	109.4	135.5	144.4	141.9	1.59.8	155,5	209.1	254.7		265.5	255.7	275,7	320.5	300,9
Ham	Average	Price		₩	39,44	40,37	43,13	53,45	56.94	55,98	63,03	61,31	82,46	100,45		104,70	100,83	108,75	126,40	118,69
Softwoods	Index	Numbers $2/$			100.0	106.8	120.0	148.9	152,1	180.1	206.0	217.0	302,1	339°5		367.4	313.2	354.0	394.3	585,7
Sof	Average	Price		**	23.07	24.64	27,69	34,35	35,10	41.56	47,53	50.06	69*69	78.32		84.75	72,25	81.67	90°96	88.98
Year					1938	1939	1940	1941	1942	1943	1944	1945	1946	1947		1948	1949	1950	1921	1952
			Ļ.,							 _					_			_		

1/ Bureau of Labor Statistics "Lumber" Index. $\frac{2}{3}$ 1938 = 100 percent. $\frac{2}{3}$ Weighted on the proportion of 80.3 percent softwoods and 19.7 percent hardwoods.

TABLE 4 - APPALACHIAN LUMBER PRICES AND INDEX NUMBERS $\underline{ extsf{J}}/$

1938-1952 Inclusive

			_								_	_	-		_	_	_		
	tunt	Index	Mumbers		100.0	99°2	108.3	134.1	158,6	166.7	2000,1	153.5	239,4	255.8	275.2	276,3	326,4	369.2	377.9
	Chestnut	Average	Price	cø.	27,62	27,48	29,90	37.04	43,80	46.04	55,26	42,41	П. 99	70,65	76,00	76,31	90,14	101.97	104,38
	ry	Index	Mumbers		100.0	101.2	133.7	120.9	154.5	160,8	198,1	194.2	188.8	293,2	322,5	276.9	319.5	365.4	365,4
	Cherry	Average	Price	ф	48.07	48,66	64.25	58.13	74.26	77.28	95.22	93,34	90.75	140,96	155,01	133,10	153,58	175.64	175,63
	ye	Index	Numbers		100.0	89.4	109.6	138.7	152,9	155.3	219,3	174.1	228.0	293.1	318.1	280.2	308.1	377.2	294.7
	Buckeye	Average	Price	ca.	30,56	27,31	33,49	42,40	46.74	47.47	67,01	53.22	69.68	89.57	97,21	85,63	94,17	115,28	90,07
	Birch	Index	Mumbers		100.0	117.2	124.9	124.1	144.5	166.6	187.1	198,1	212.8	89198	297.8	319,4	263.6	441.4	353.7
	Bir	Average	Price	\$	44.11	51,71	55.08	54.76	63,73	73,48	82,51	84.74	93,85	115,47	131,36	140,88	116,27	194.72	156,00
	ch		Numbers		100,0	109.7	124.5	142.2	165,5	181,5	214.6	217.1	272.7	304.4	363.2	349.3	324.2	403.6	425.7
	Beech	Average	Price	esp.	27,52	30,19	34,26	39,12	45.54	49,96	29,06	59,74	75.04	83,76	96*66	36.12	89,23	371.06	117,16
_	lood	Index	Mumbers		100.0	89.7	78.2	110.8	119.8	112.3	139.4	138.8	209.9	238.9	256.1	231.7	257.5	302.6	253,3
	Basswood	Average	Price	4/3	47,98	43.02	37,52	53.17	57,48	53,86	66,89	66,61	100,72	114.62	122,89	111,16	123,53	145,20	121,54
	h	Index	Numbers		100.0	107.5	96.1	122.7	146.9	139,2	159,1	149.1	223,1	245.9	272.7	245,4	253.0	302,3	265.7
	Ash	Average	Price	₩	48,11	51,74	46.21	59,05	99°02	66,99	76,52	71.74	107,35	118,29	131,18	118,06	121,72	145,44	127,84
uthern	OW	Index	Numbers		1000	108.8	123.4	152.2	149.1	198.1	275,4	242.6	366,6	428,6	432,5	333,3	378,2	411,3	413,2
Pine, Southern	yellow	Average	Price	49	21,51	23.41	26.54	32,73	32.07	42,61	59,24	52,19	78.85	92,19	92.03	77.70	81,36	88.47	88,87
rthern	9	Index	Numbers		100.0	104.2	17.0	144.9	172,8	178,4	248.0	218.5	279,4	370,4	383.0	268,1	363.9	411.2	412.7
Pine, Northern	white	Average	Price	**	25,89	26.99	30,30	37,52	44 .73	46,19	64,22	56.58	72,33	95,89	99,17	69,42	94.21	106,47	106,85
ock,	uni	Index	Mumbers		10000	109.9	124.3	147.7	164.7	177,4	204.1	218.1	288.4	309,5	346.6	304.6	349.8	400,1	389.8
Hemlock	Eastern	Average Index	Price	*	22,63	24,86	28,13	33,43	37,28	40,14	46,18	49,36	65,26	70,05	78,43	68,94	79,15	90,54	88,22
	Year				1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1981	1952

	-	-				-	_	_	_			_	_	_	_	_	_	_
103 3/	Index	Mumbers		100,0	10%,2	109,6	134 .4	153,0	156.1	176.5	173.9	231.7	278,7	299,4	278.4	298.3	338,7	320.6
All Species 3	-	Price	44	36.03	36,81	39,48	48.42	55.11	56.24	63.61	62,67	82.48	100,41	107,88	100,30	107,46	122.04	115.52
cies 2/	Index	Numbers		10000	103.0	109.6	137,2	139.7	147.4	164.8	161.6	217,6	263.2	280.9	267,8	285,3	326.9	308.2
All Species 2	Average Index	Price	**	36,91	38.01	40,46	50,65	51,55	54.39	60.84	59,66	80,33	97,14	103,68	98,85	105,31	120,66	113.76
black	Index	Numbers		100,0	120.2	108.9	99.7	120.7	94.2	153.2	143.6	260.8	272.8	256.2	209,1	227.2	270.3	269 9
Walnut,	Average	Price	4	72,01	86,53	78,41	77.	86.93	67.81	110,32	103,43	187,80	196,46	184.49	150,59	163,64	194,64	36
yellow		Numbers		1000	98*5	103,4	124.2	138.0	147.0	158,7	156,4	207.2	271.7	289.9	264.9	275,6	292.7	26.4.1
Poplar,	Average	Price	40	41,19	40,46	42,61	51,15	56,86	60,55	65,37	64.43	85,33	111,93	119,41	109,12	113,51	120,57	סק מטר
Oak, white	Index	Numbers		100.0	104.4	112,8	140.1	152.0	139,9	148.9	155,9	198,0	242,3	265,4	275.6	273,7	319,3	200 7
Oak,	Average	Price	c)s	46.93	48,98	52,94	65,73	71.33	65,66	69,88	73,15	92,92	113,73	124,56	129,34	128,47	149,84	70 11
red	Index	Numbers		100.0	8066	106.4	143.0	150,3	147,3	165.8	154.8	190.3	260,0	292,6	288.4	310.2	353.4	725
Oak, red	Average	Price	trip	45,50	45,39	48,41	65,05	68,40	67,03	75.44	70.45	86.58	118,28	133,12	131,22	141,15	160,79	3.00 40
Lfied	Index	Numbers		10000	107,1	125.8	163,5	175.4	228.2	246.3	262.0	386.0	380.6	367.8	348,2	389.8	395,7	220 0
Oak, unspecified	Average	Price	69	18,31	19,61	23.04	29.93	32,12	41,79	45.10	47.97	70,68	69 69	67,34	63,76	71.38	72,45	26 00
soft	Index	Numbers		100.0	102,9	9711	131.7	157.3	131.2	165.4	149.3	199.7	252.7	271.6	216.6	281.2	348.9	0 740
Maple,	Average	Price	-09	43,20	44.44	48,23	56.88	67,97	59.70	71.44	64.49	86.25	109,16	117.32	93,55	121,49	150.73	טט טרנ
, hard	Index	Numbers		100.0	107.0	121.0	132,2	149.0	168.6	198.6	200.5	256.8	287.0	320,2	275.2	300.2	371.8	0 106
Maple,	Average	Price	69	46,44	49.70	56,19	61.39	69,19	78.30	92.22	93.11	119,25	133.27	148.71	127.79	139,43	172,68	10002
Hickory	Index	Numbers	⊢		_			96.6								_		_
Hic	Average	Price	**	57,44	42.24	43.89	43,75	55.47	58,99	67.85	63.73	91.55	94,56	100.30	107,57	110,67	112,32	0.00
Year				1938	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949	1950	1921	0

1/1938 = 100 percent.
2/ Actual average all sales
3/ Percentage of species held constant.

TABLE 5 - APPALACHIAN LUMBER PRICES

1938 - 1952 Inclusive

Yellow Poplar By Principal Grades

	7-				_		_	_				 _		_				_	_	_	_			 	_	_					_			_				
Per-		24. B S, L	5,9	ı	1 0	0.27	1.57	000	000	. 28. 88.6	100		ထိ	12.4	ا ا ا	17 °2	7,07	522	ا ا ا	n c) E	17,4	100	7.	rs. 2/													
Avg. Price	1943	91.80	85.43	B	1 5	Thous	200000	24.00	14°00	69.63	60,55	1949	278,18	115.0%	167.50	169°90	010%	91,41	25.5	07.00	183.70	84.37	109,12	Adjusted Prices 1	Index Nbrs.	1000	97.1	37.65	0.027	146.0	165 A	162.9	192.4	262,1	288,1	276.0	307.3	280,8
Bd. Ft.		\$20,720 614,090	448,838	1	1 00	L,634,857	TPOCT DOC	100 grade	136 82 A	2 938 865	7,605,248		82,664	1,307,434	25,000	1,808,051	255,540	2,727,425	L,579,565	161,000 724 229	300	1.826,576	10,523,885	L	L	42,13	40.92	41.08	20.12	50°C	30°TO	68.61	81,06	110.42	121.57	116.28	129,48	118.30
Per-		13.3	10.5	1			_	_		0,0	100		_			_		9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9		ე	_	16.1	Н	rices	Index Mrs. 2	100.0	98°5	103.4	20.50	138°0	150.7	156.4	207.2	271,7	289.9	264.9	292.7	264.1
Avg. Price	1942	94.10	63.80	ı	1 0	40°00	00° T0	12002	0T- 70	57. LS	56,86	1948	238,35	122,10	168.93	169,33	80.08	101.57	68.67	42,95	190.00	94,70	119,41	Actual Prices		41.19	40,46	42.61	21°12	20°80	00.00	64.48	85.33	11.93			120.57	
Bd. Ft.		2,800,788	2,205,578	ı	1 600	4,480,804	TCC TLOCC	1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	080 (3/ # (T	4 022 980	20,990,754		181,150	488,182	113,000	3,133,370	108,078	4,298,634	1,619,324	192,688	SSS STO	2.050.695	12,722,937			_	_			_							25	
Per- cent		9.1	15.4	1	1.00	0,77	1,	000	000	20.0[100	-	3°5	7.1	₽°	27.3	L, S	19.4	13.4	4.0	0 0	23.0	100		80	19.6	9.	ထိ	1 5	8.7.2	2007	ر د د د د	2.4	10.4	100			
Avg. Price	1941	94.65 53.05	55.70	1	4T.00	200,000	20002	70000	TC . DO	50.00	51,15	947					138.34	96.56	61.73	42,88	100 37	95.91	111.93	952			121.00		1 6	81°24	2/0°/	36°L3	220.42	112.38	108.79			
Bd. Ft.		2,546,501	4,305,807	1 -	14,000	CTC, CZZ, C	004 201 cc	2000 2000	Lyoughood	C SEA 758	27,909,265		375,209	826,478	51,000	3,222,120	173,150	2,279,948	1,580,570	48,200	198,481	2.713.409	ol el	1	71,003	1,871,852	000,000	798,051	1 6	2,666,476	250,010,045	149,000	329.255	995,678	9,580,762			
Per-		9.2	14.8	C.	٠, ٥	D C	9 6	0 1	0 0	0 0	100		12,3	.7	2°1	1	ı	18.3	15.3	1	-	2,12	100	ive	6.8	9.8	ಜ್ 6	F.9	ر س	24.0	Lo.4	9 6	1.0	19,5	100			
Avg. Price	1940	89°,79		58°78			C7.05%			74 F3	42,61	1946	128,47	68,00	99°96	I			47.11	1 8	8.8	91.02	85,33	1 Inclusive	J													
Bd. Ft.		2,501,039	4,019,337	184,900	143,975	5,544,889	5,695,247	L,045,700	L4477000	L,000,005	27,091,340		261,000	16,000	43,500	ı	ı	387,500	322,500	1 1	T,000	1.080.568	2,112,068	1938-195	13,446,362	18,173,262	18,196,239	12,111,455	1,099,577	47,394,479	50,445,578	5,176,385	3 658 666	38,692,636	197,740,393			
Per-		8 8 2 4	15.7	1,5	\$ L	2002	4	4.0	700	0,0	100		7.1	က့	ı	ı	ı	27.8	23°1	3.0	Ďα	36.1	100		53	12.1	1	14.2	4.	22.03	60.00	1°6	1.	16.6	1001			
Avg. Price	1939	85.28 40.14	45.54	79.24	34.53	50°06	CD.002	4.6	20.00	26.00	40,46	1,945		86.00	1	1	1	57,28	42,42	31.12	94,007	78.79	64,43	1921	'⊢	144.13	1	198.10	62.00	97.71	67.84	37,06	22 K 83		120.57			
Bd. Ft.		2,158,737	4,119,950	401,084	200,000	7,495,844	TORGERGE	000,800	Targo obc	2 676 577	26,317,608		219,100	8,500	1	ı	ı	854,500	709,000	129,000	28,000	1.108,500	3,072,600		25,500	1,069,874	1	1,250,385	34,000	1,972,795	T09 25% %	143,000	000,400		8,826,272			
Per-		0.0	14.7	9.1) F	%To Co	000	102	0 0	200	100		0.5	1.4	2°°3	ı,	ı	30°4	17.1	2° ° ° °	, a	40.2	100		9.	12.21	P.º	12.8	- 2	28.5	8°T2		3º 1	17.9	100			
Avg.	1938										41.19	1944	-			82,25		62°49		28°14		70.33	65,37	1950	290,59					_		39,80	00°06T	96.79	113,51			
Bd. Ft.		1,631,334	2,651,900	285,500	L'A SSO	Bac, Tage	00,420,598	490,000	3/2017 1017	2 105 050	18,029,269		263,100	96,130	156,329	36,000	ı	2,061,339	1,159,539	161,500	560,611	2, 723, 792	6,777,384		79,520	1,694,989	49,000	1,790,045	95,184	3,940,343	3,052,736	159,000	T66 5 TO	2.501.790	13,977,598			
Grade		Lsts & 2nds No.1 Common	Common &	1 Common & Btr.	2 Common	Z & Common	S B Common	common		Daps & Dels.	Total		lsts & 2nds	No. 1 Common	No. 1 Common & Sels.	No. 1 Common & Btr.	No. 2 Common	No. 2 A Common	No. 2 B Common	No. 3 Common	Same series	Daps & Dels.	Total		late & 2nds	No. 1 Common	1 Common & Sels.	1 Common & Btr.	No. 2 Common	No. 2 A Common	No. 2 B Common	3 Common	Same & Sele	Miscellanems	Total			
B		Lsts &	No.1		Nook	Noon	Nook	CON	Saps Saps	14 and			lats 6	No. 1	No. 1	No. 1	No. 2	No. 2	No. 2	No. 3	Saps	I'd ace			lata A	No. 1	No. 1	No. 1	No. 2	No. 2	No. 2	No. 3	Sane	Mace				

1/ Percentage of grades held constant (1938-1951 average)
2/ 1938 = 100 percent

TABLE 6 - APPALACHIAN LUMBER FRICES 1858 - 1952 Inclusive White Oak By Principal Grades

1/ Percentage of grades held constant (1958-1951 average) 2/ 1958 = 100 percent

TABLE 7 - APPALACHIAN LUMBER PRICES

1938 - 1952 Inclusive

Red Oak By Principal Grades

	Г	_		_	_	_	_	П			_	_	_	_			_	 T			_		_	_	_	_				_		
Per-		12.4	100	1	16.1		54.0	100		26.2	21.6	9.6	30.9	2.1	1	9.6	001	98 1/	Index Nos.2/	0.001	100.7	106.9	151.6	148.5	144.4	168.3	15%4 7 119	7	98.9	71.1	500,3	351.5
Avg. Price	943	84.83	56.90) 	42,12	1	73.64	67.03	1949	167.11	101.76	110.62	147,92	82,42	ı	76.70	131,22	Adjusted Prices 1	Inde			_	_									
Bd. Ft.	T	450,577	524 072	206	583,357	, ,	1,961,590	630,638			321,752	587,959	886,680	124,995	' '	585,075	6,109,423	Adjus	H	44.52	\$	47.	20.00	99	64.29	74.93	70.07	יני היני	126.72	120	153	156.48
Per-		_	70.0		. 2	_	7	Н		╫	22.3					7	H	ces	Index Nos.2,	100.0	8°66	106.4	145°U	150.3	147.3	165.8	154.8	2000	292.6	288.4	310.2	355.4
Avg. Perice ce		96,66 30				87.26		68.40 100		92		120.47				_	Ħ	Actual Prices														
	1942	2						H	1948	\vdash							87 133,12	Ac		45.50	45	48	65.05	68.40	67.	75	70.45	2 5	is	131.	141	160.79
Bd. Ft.		2,896,31	457,9098	ל נ נ	1,115,564	8	1,249,232	9,515,3		1,399,844	1,713,426	366,217	3,101,6	501,646	١.	592,856	7,675,687			1938	တ	40	٦.	~≀	ю	41	ഗ	10	- 60	6	S	H 6
Per- cent		36.0	40.1	1.	8.5	3,5	10.0	100		14.4	10.1	2.0	50°7	10,2	ત્યુ	12.4	100		34.4	30.1	8,9	7:1	4.T	ı	ە. كا	8						
Avg. Price	941	86.23	57.24	39.40	32.88	79.11	70,78	65,05	1947	146.41	100.14	131,89	132,51	71,39	00°06	78,94	118.28	952	208.27	118.97	125.62	172.04	14.44	ı	103,65	152,49						
Bd. Ft.	15	3,950,934	4 396 227	15.000	929,622	381,900	1,092,325	10,966,01		997,755	698,950	138,655	3,511,856	706,862	10,233	859,420	6,923,731		1,456,963	1,276,012	289,619	494,751	L/5,254	1	547,148	4,239,727						
Per- cent		25.7	0 0	3	4.0	2,3	6.3	100		9.2	10	2.9	6.1	8.2	ı	68,7	100	Lve	26.3	٠ م	26.0	12,1	9.6	0.1	14.0	8						
Avg. Price	940	73.07	40.39	39,95	27,59	70.78	45,71	48,41	946	110.14	68,00	80.58	150.92	50,23	1	98°08	86.58	inclusive														
Bd. Ft.	13	3,561,649	7 327 450	121,800	1.163,500	315,500	875,022	13,877,421		118,500		37,000			` 1	886,483	1,289,983	1938-1951	24,367,358	10,199,040	24,013,676	11,221,349	8,878,257	946,133	12,950,048	92,575,841						
Per-		28.0	74 °C	9	18.8	1.2	13.4	100		11.2	4.0	' '	1	27.4	ı	57.4	100			_		16.4			ဖွ	201						
Avg. Price	929	73.21	22.80	34.12	25.72	72.53	34.85	45,39	1945	89.45	62,00	' '	1	44.47	1	_	$\overline{}$	1981	206.80	126.45	125.60	171.57	77. TOT		\rightarrow	160,79						
Bd. Ft.	1	2,451,599	418,000	26,000	1.646,242	108,500	1,169,218	8,762,309			36,000		1	249,000	` 1		907,839		478	501	878	592	155,446	,	524	6,578,419						
Per-		28.9	40.1 L.04	10	15,1	2	12.5	100		21.4	9	2°4	1	20.8	1	54.8	100		31.2	30.4	10.7	15.9	500	r	ဇ္	201			,			
Avg. Price	938	72.53	37.00	36.11	22.85	77.61	8.8	45,50	1944	99,38	68,00	71.56	1	44.96	0	77.94	75.44	1950	182.06	113.15	116.77	160.75	79.08	8	102,13	141.15						
Bd. Ft.		1,849,218	2 562 806	57,000	967,000	46,000	800,084	6,395,508		361,500	10,000	41,000	1	352,000	1	925,815	1,690,315		2,577,025	2,505,371	885,553	1,514,723	000,862	1	-	8,253,237						
Grade		lats & 2nds	No. 1 Common & Sola	No. 1 Common & Btr.	No. 2 Common	Car Stock	Miscellaneous	Total		lsts & 2nds	No. 1 Common	No. 1 Common & Sels.	No. 1 Common & Btr.	No. 2 Common	Car Stock	Miscellaneous	Total		1sts & 2nds	No. 1 Common	No. 1 Common & Sels.	No. I Common & Btr.	No. & Common	Car Stock	Miscellaneous	Total						

1/ Percentage of grades held constant (19381951 average)
2/ 1958 = 100 percent

TABLE 8 - APPALACHIAN LUMBER PRICES

1939 - 1952 Inclusive Hemlock By Principal Grades

Per-	cent			10.1	6.8	1	15.5	67.6	100		1.4	5.3	75.9	12.4	5.0	100	-	88 J/	Index Nos.2/	100.00	109,2	124,0	5.7	2,0	7.3	2.8	5.8	3.6	0.9	8,2	1.2	0,5	394.1	Jak
Avg.	Price	-09	943	42,61	% 8	ı	38°84	40.68	40.14	1949	65,00	90°29	72.93	62,42	27,55	68.94		Adjusted Prices					_							_				1
	Bd. Ft.		_	292,230	97,929	0	49,205	1,956,710	2,896,074		25,812	99,201	13,438	231,319	92,984	,862,754		Ad.just	*	22,20	24.24	27,52	32.57	35,96	39,37	45.03	48.00	62,97	70,16	79.07	57,99	77.8	87,48	77.00
_				_	_	-	_	_	2,8						_	Н		883	Index Nos.2/	100.0	8.60	24.3	147.7	164.7	77.4	L° \$7	218,1	38.4	9.5	9.9	304.6	349.8	400.1	288,8
- Per-	_			6.पा 6		_	_		3 100		L	_	_	_	_	H		ual Prices	-												_			
Avg	Price	100	1942	41.29		_	38.50	_	37,28	1948	L					Н		Actual	6 9	22.63	24.8	28°1	53,4	57,28	40.1	46.1	49.3	65.2	0.0	78.4	689	79.1	8.5	ರರ್ಷ
	Bd. Ft.			1,229,980	1,165,571	1	7,018,895	951,990	10,366,436		8	461,501	427,491	921,618	369,795	2,190,405		Year		1938	6	40	٦	ત્ય	83	4	'n	9	7	80	თ	20	٦,	2
Per-	cent			15.8	21.5	1	56.5	6.2	100		1.7	9,5	56.3	12.6	19.9	100			ı	16.5	88°6	₽.	r.	100										
AVg.	Price	40	1941	36.70	30.89	ı	34.13	27,67	55,43	1947	84.41	73,73	77.98	68,41	64,62	70,05		1952	1	86°98	88.83	68,85	75,00	88,22										
	Bd. Ft.			1,158,650	16,739	1	.56,536	458,061	7,349,986	_	10,000	29,000	718,566	833,277	513,603	6,600,156	ľ		1	62,949	224,078	22,463	24,000	234,490										
1								_	7,3	_	-	4.3	5,2		\dashv	\dashv			_		-		_	5,2										
Per-				14.3	_	1			13 100				1		50 89.1	Д		Inclusive	7°	12.7	50	38	21,1	100										
AVE	Price	49	1940		24.43		29.39		28,13	1946	60,38			26.00	i		1	ᅴ		_		_		_										
	Bd. Ft.			1,364,189	1,728,193	ı	5,442,009	999,004	9,533,390		33,000	68,000	' 1	70,00	1,398,508	1,569,508		1938-195	4,938,874	8,260,821	14,117,43	26,460,930	14,333,674	68,111,734										
Per-	cent			6°6	10,8	ı	77.3	8,0	100		•	ı	ı	ı	100	1000			_	6 6	_	-		100										
AVE.	Price	40	939	28.76	21,34	1	25,26	21.34	24.86	1945	-	ı	ı	ı	49,36	49,36		1951	ı	90.49	90°62	89,00	80,92	90°24										
	Bd. Ft.			635,006	695,500	1	4,595,996	519,263	6,445,765		1	1	ı	ı	1,890,324	1,890,324		_	ı	494,813	4,447,907	105,259	13,180	5,061,159										
Per-	cent			1.9	12,21	1	68,0		100		200	7.5	1	1.9	90°4	100			4	8,9	78.8	8.0	2°3	100										
AVE	Price	40	938	25.09	18.64	1	24,45	18,15	22,63	1944	26.00	40.00	ı	42,45	46,75			1950	76.00	72.96	79,91	87,52	61,28	-										
	Bd. Ft.			61,007	379,767	,	2,134,263	563,964	2,139,001	_	7,000	300,000	. 1	77,429	3,605,801	3,990,230		1	22,000	464,607	4,110,033	415,129	204,777	5,216,546										
	Grade			No. 1 Common	No. 2 Common	Dimension	No. 1 Merchantable	Miscellaneous	Total		No. 1 Comon	No. 2 Common	Dimension	No. 1 Merchantable	Miscellaneous	Total			No. 1 Common	No. 2 Common	Dimension	No. 1 Merchantable	Miscellaneone	Total										

1/ Percentage of gradee held constant (1938-1951 average)
2/ 1938 = 100 percent

TARLE 9 - APPALACHIAN LUMBER PRICES

1938 - 1952 Inclusive

Hard Maple By Principal Grades

				_							_			-	_	T	T				_	_	_	_						-	_		_
Per	_		9,3				18,7	_	100		7.1	_	5,5	_	200	١,	8	ces 1/	Index Nos.2/	300°0	108,2	112,4	140.1	°° 69	179.0	208°8	205.9	72,2	238.8	\$19°7	88 :	14.2	365.8 357.5
Avg.	of:	1943	116,59	73,13	79,91	ŧ	39°18	84,71	78,30	1949					91.65	000	127,79	Adjusted Prices	\neg				_	_									
į.			238,109	17,295	73,295	1	480,272	27,000	2,565,971		237,300	558,000	10,500	33,884	543,730	810,867	572,452			45,36	46.B	8 8 8	63,56	76.8	81.8	7° %	93,40	123,48	2 2 0	145,00	128.0	142.5	165.93
Pd.						_	_		20,00					_			03	268	Index Nos,2/	100,00	107,0	121.0	132.2	149.0	1,68,6	198.6	200.5	256,8	287.0	320,2	75.2	2,00	371.8
Per-							_	-	300		404		_			1	007	Actual Prices	Н			_										_	
AVE.	+0:	1942	121,79	66°69	77,33	ı	39,25	69,82	69,19	1948	205,14	137,67	148.17	171,81	129,44	BB° BO	148°71	Act	09	46,44	49,70	56,19	61,39	69°13	78,30	92,22	93,1	119,25	133°2	148,71	127.7	139,4	172.68
Pd.			842,003	77,173	1,124,747	9	1,626,227	1,867,915	5,738,065		197,992	55,987	77,300	2,167,833	1,420,383	554,557	4,467,852		Year	1938	o	40	7	જ	ю	491	S	ဖ	2	89	6	S	H 01
Per			18.9	ı	44.3		26.8	6°6	100		4.4	-			_	13,5	907		18.7	27.7	L°3	29.4	14.8	8,1	100								
Avg.	1	941	104.53		61,26	82,00	34°25	52,00	-	947	175.77	107.18	141.65	155,44	115.08	82,97	133,27	952	240,59	142,01	188.33	200,16	114,85	90,00	⊢								
古		16	-					896,839	222	13		_			_	4	,833,693]	16	676,250 2														
70	\$		1,724,346		4		ຂໍ	,	9,100,222			53	_	_			3,833		676			<u></u>			50								
Per-			-	2,5			17,8	_			8.9	1	ı	2°4	25.2	68,5	18	94.7	17,1	2.7	25.0	13.4	22°22	3.6	100								
Avg	1 48	1940	86,07	51,64	50,77	65,20	51,11	53,37	56,39	1946	138,10	B	ŧ	140°00	123,08	116,03	119,25	Inclusive															
3	Date For		2,712,746	232,660	3,303,082	284,650	1,637,100	1,033,800	9,204,038		29,000	8	ı	18,000	136,000	505,500	738,500	1938-1951	10.930,173	1,696,052	16,007,765	8,540,969	14,222,700	12,528,616	63,926,275								
Per	Cern		24.6	2	48°4	2,3	17.3	7,2	100		10,7	ŝ	ı	ı	15,4	73.4	100		25.7				12.1			1							
Avge	9014	939	77,16	55,21	45.82	65.40	27.94	29°0%	49°70	945	138.52	00°66	ı	ı	46,83	96,15	95,11	TS61	225.44	138.80	193.75	197,42	133.07	97,95	172.68								
	DG. Fr.			17,996	8,897,159	188,292	1,388,101	580,611	8,048,357		١	4,000		ŧ	123,000	587,900	800,300			378,000	30,000	949,678	362,186										
Per-	TI BO	T	20.0	-	43.9			13.4	Н		6.9	ı	ග	ě	21.9	70,3	100		8.6	-		_	21.0	_	-								
Avg.	9015	1938	78,28	51,35	44.78	58,33	26.46	29.07	-	944	145.25		80,00		46.01	4	$\overline{}$	0261	199,62	128.55	66.49	176,62	94.12	95,43	+	1							
-	Ba. Ft.	19	1.427.120		3,125,744				1	19	141.000		18,000		448,000	1,440,700 1	2,047,700	19		415.098					1, ,								
	FLAGE		lats & 2nds	No. 1 Common	No. 1 Common & Sells.	No. 1 Common & Btr.	No. 2 Common	Miscellaneous	Total		18ts & 2nds	No. 1 Common	No. 1 Common & Sells.	No. 1 Common & Btr.	No. 2 Comon	Macellaneous	Total		lata & 2nds	No. 1 Comon	No. 1 Common & Sells.	No. 1 Common & Bt.r.	No. 2 Common	Wacellanems	Total								

1/ Percentage of grades held constant (19581951 average)
2/ 1958 = 100 per cent

TABLE 10 - APPALACHIAN LUMBER PRICES 1938 - 1952 Inclusive 1/

Yellow Pine By Principal Grades

		Avg.	Per		AVR	Per		AVR	Per-		AVE	Per-		AVE	Per		AVR.	Per-
Grade	Bd. Ft.	Price	cent	Bd. Ft.	Price	cent	Bd. Ft.	Price	cent	Bd. Ft.	PHOS	cent	Bd. Ft.	Price	Cent	Bd. Ft.	Price	cent
		49			40			49			49			40-			49	
		1938			1939			1940			1941			1942	-		1943	
No. 1 Common	322,537	27.96	5.0	501,718		6.8	881,950	29,07	8.3	365,357	38.03	5.1	2,183,470	\$6.58	13.0	190,717	40.03	13.6
No. 1 Common & Btr.	84,483	30.85	s°	51,008		.7	117,130	31,14	1:1	1	8	1	20,000	43,18	L.	1	1	1
No. 2 Common	5,767,613		89.1	6,268,113		84.6	8,280,650	25,35	77.5	5,595,245	30,71	78.6	7,806,246	27,96	46.4	310,558	53,36	22,1
C & Btr.	3,733		Ľ.	` 1		ı	, 1	1	1	1	ı	0	21,000	54.86	ı.		8	8
Dimension	1		E	ı	ı	ı	1	1	1	1	0	1	5,493,920	53.33	32.6	426,736	11.62	30°2
Miscellaneous	346,634	53,93	50	588,760	33,24	7.9	1,397,668	31,60	13,1	1,159,156	40,82	16.3	1,304,457	43,23	7,8	477,678	52,78	34,0
Total	6,475,000	21,51	100	7,409,599	23,41	100	10,677,398	26,54	100	7,119,758	32 , 73	007	16,829,093	32,07	100	1,405,689	42,61	100
		1946			1047			3048			1040			1950			1951	-
No. 1 Common	3,000	72,00	44	11,000	77,59	44	000.6	92,44	1.3	9,800	78.31	80	67,633	88.06	2.5	84,200	97.86	3,1
No. 1 Common & Btr.	149,500	101.52	20.8	1		,	1	,		8,100	130,00	2	7,000	147.14	ю	` 1	1	8
No. 2 Common	448,000	72,75	62.4	1,326,476		54.1	457,133	84.54	64.0	981,626	71.17	80°2	2,350,677	76,59	85.7	2,472,719	85,52	89°6
C & Btr.	29,000	96,59	4.1	321,000	155.02	13.1	89,000		12.5	19,000	131,26	1.6	149,625	139,53	5,5	125,500	137,59	4.6
Dimension	15,000	72.50	2,1	314,404		12.8	109,351		15.3	163,677	64.65	13.4	72,400	77,43	2°6	45,146	00°68	1.6
Miscellaneous	73,000	67,40	10,2	480,993	-	19,6	49,686		6.9	40,960	77,95	3,3	93,167	101,49	3,4	30,799	99,26	1,1
Total	177,500	78,85	100	2,455,875	92,19	100	714,170		100	1,225,163	ш	100	2,740,502	81,36	100	2,758,364	88,47	1,00
	1938-195	1938-1951 Inclusive	9		1952						Act	Actual Prices	ces	Ad justed	Ad justed Prices 2,	2/		
No. 1 Common	4,650,382		7.6	21,000	1	1.2				Year	40	Inde	Index Nos. 5/	49	Index Nos, 5,	8,8/		
No. 1 Common & Btr.	587,221		မှ	20,603	09,111	1.2				1958	21,5		0.00	22 . 72	10000			
No. 2 Common	42,065,056		69.5	1,471,050		85.4				6	23.4		108.8	24.40	107.4			
C & Btr.	757,858		7.3	58,000	П	S.4				40	26.5		25,4	26.85	118.1			
Dimension	6,640,634		ä	` 1	1	ı				-	52.7		52.2	33.08	145.6	_		
Miscellaneous	6,042,958		0.01	151,153	84.41	8°8				€3	52,07		149.1	51,21	137.4			
Total	60,524,109		100	1,721,786	88.87	907				ıΩ	42.6		1.88	36.86	162,2	_		
										9	78.8		9.99	72,69	319.9			

519.9 551.2 578.9 518.2 558.1 590.0 72.69 72.80 72.29 81.37 89.44 566.6 428.6 452.5 535.5 411.3 78.85 98.19 71.70 81.56 88.47 o r o o o o o d u v

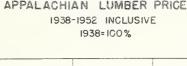
1/ No sales were reported during 1944 and 1945 2/ Percentage of grades held constant (1939-1951 swerege) 5/ 1936- 100 percent

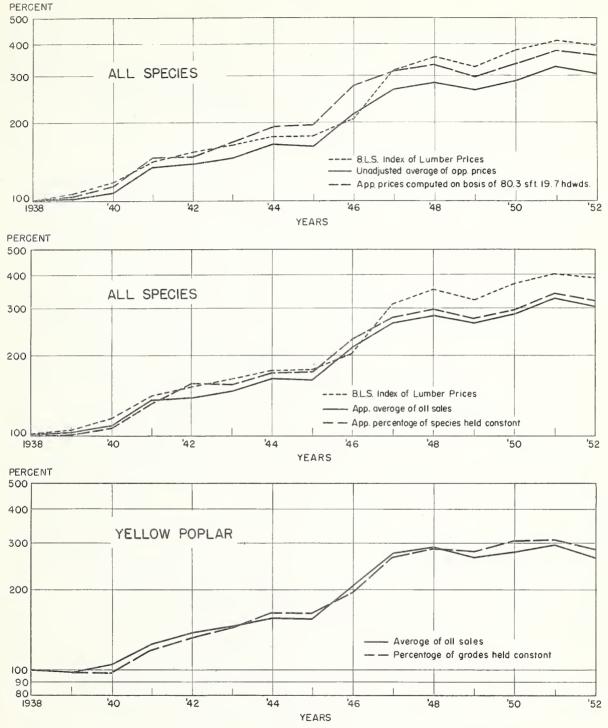
TABLE 11 - APPALACHIAN LUMEER PRICES
1958 - 1952 Inclusive
Basswood By Principal Grades

دب ز		10		. v.	9	10	20				0	2	63	s s	N :	n	e c			020												
Per-		12.3	1 5					35.1			_						0 g		Prices	ndex Nos.2,	0000	SS .	95.7	1.00 to 1	124.2	145,8	153,9	203,3	252,1	297.7	220.5	297.9
Avg. Price	943	85.89	E7 EA	70.72	37.43	45.72	25 43	42,48	53,86	949	179,34	105,30	111.40	151,23	56.49	321.18	98°T/	31.11	ted Pr		6	10										
řt.		298,003	GET	303,000	65,896	724	127 350	948,036	420,646	-	⊢			267,616			15%,515	131,259	Ad fueted	0.5	45.49	42,03	42.6	54°49	56.49	66.55	70,03	92.49	114.66	135.4	22.52	135.52
B		298	427	303	63	346	197	888	2,420		214	223	69	267	259	8	200	2,131,259	63	Nos.2/	0.	89.7	78°2	20011	0 10	, v	8	6.9	6	۲,		9 1
Per-		18.8	0 1	100	12.7	13,2	9	13,55	001		2,5	2.2	rů.	34°9	1.6	10° 10° 10° 10° 10° 10° 10° 10° 10° 10°	ے م م م	300			10000	86	20,5	11	12	139.4	135	808	238.9	256	251°7	302.6
Avg.		87.04	_	78.8		_	_	_	H		-	_					_	122,89 10	Actual	43	47,98	43.00	37.52	55°T.	22.5	68,99	66,61	27.00	14.62	22.89	32.5	145.20
	1942	_								1948	_							+-		-							_					
Bd. Ft.		1,003,427	1 505 1	497,000	675,65	704,70	149.50	717,889	5,334,830		72,01	63,218	10,00	1,014,598	264,70	733,953	170,236	2,903,301		Year	1938	6	40	-10	3 60	0.4		9		ω .	(<u>.</u>	3 = 1
Per-		21.0	1 9	2.5	16.2	11.1	-	- 0°	7,00		9°6	3.9	407	43,8	89	10.9	7°C	100		23.6	D.0	1	12.0	با د د د	300	13.7	100					
Avg. Price	941	84.15	102	70.69	55,15	38.82	30 35	38.59	55,17	947	159.88	98°25	135.68	29.26	79.16	102.33	67.23	114,62	1952	197.70	129,79	ı	170,76	75.64	200	80,70	121.54					
	115	288	603	200	298	274	BE 724	700,178	474	3.0	263,862]								15	L_	150,287 1		_			187,237	Г					
Bd. I		1,653,888	9 881 500	398.	1.275	869.274	200	200	7,863,474		263	108	129	1,205,692	227	301		2,753,756		323	150	1	197	95,	3. F	187	1.369					
Per-		10.9	7.0 1/6	4.1	37.2	16.5	0	0 0	100		1,1	1	1.0	56.1	ထွ	15,5	1	100	A9	16.3	1.9	20.4	14.8	15.2	90	14.7	1001					
Avg.	940	75.82	40.55	55.36	24.81	31.84	00 20	24,14	37,52	946	105,15	ı	75.00	118,03	11.25	77.46	1 0	100,72	Inclusive													
Pt.	15	861,502	283	970	620	245	300	005,969	951	15	8,500		7,500			8		755,800	1928-1951	L	981,796	793	280	997	3 6	127	303					
Bd. 1		198	58,087	28 1	2.467	1,299	2000	669	7,887,951		8		7	422	9	711	1 8	753	193	8.469.918	981	10,644	7,730	7,929	3776	7,677,127	52, 112, 303					
Per-		23.9	4.00	2.7	14.5	23.0	2 6	15.2	00		5.9	1	1	42.5	4.4	ଧ	1 6	100		22.9	_		9°92			12.6	_					
Avg. Price	39	69,13	34.97	00.5	2 2	29.53	20000	34.81	43,02	945	98,00	1	1	78.16	59,20	53°16	1 9	50°54 66°61	15	197,44	131,35	52,50	74.19	84.57	28.00	87.50	╀	-				
	61	<u></u>								19	L								1951	L							-	1				
Bd. Ft.		1,848,996	30°2H	161	122	1,078,374	1000000	1.173	7,755,623		24,000	1	ı	172,000	18,	88	1 8	405,200		432.150	159,348	.89	8	144,263	CCT COOX	237,054	1.886.811					
Per-		\vdash	J. 6	_		_	_	_	+		5.8		.7	39°4	2,	18.1	7	1001		11,2	7.3	2 2	30°4	1; 2;	R°7T	14.9	100					
Avg.	958	72,17	26.89	55.95	22.38	20.12	00 00	46.32	•	1944	99.77	1	62,00	80.45	50°50	52,36	40.36	2 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	1950	189.26	117.79	136.57	165.50	73.73	9 8	8 8	+	1				
	67	1								19	85.500	_						_	19	1			_				r	1				
Bd. Ft.		1,312,651	8L,500	505	000	339,004		488 346	5,037,509		85.	1	10,	584,500	່າຕົ	268	200,1	1.484.000		391.852	257,588	112,	1,067,	333	ດີເ	28,200	5.514.163					
Grade			No. 1 Common				The second second	Mos & B comman	Total		late & 2nds	No. 1 Cosmon	No. 1 Common & Sels.	No. 1 Common & Btr.	No. 2 Common	Ho. 2 A Common	No. 2 B Common	Total		Jates & 2nds			& Btr.	No. 2 Common	Ho. 2 A Common	Mercallynoms	Total					

1/ Percentage of grades held constant (1938-1951 average)
2/ 1938 w 100 percent

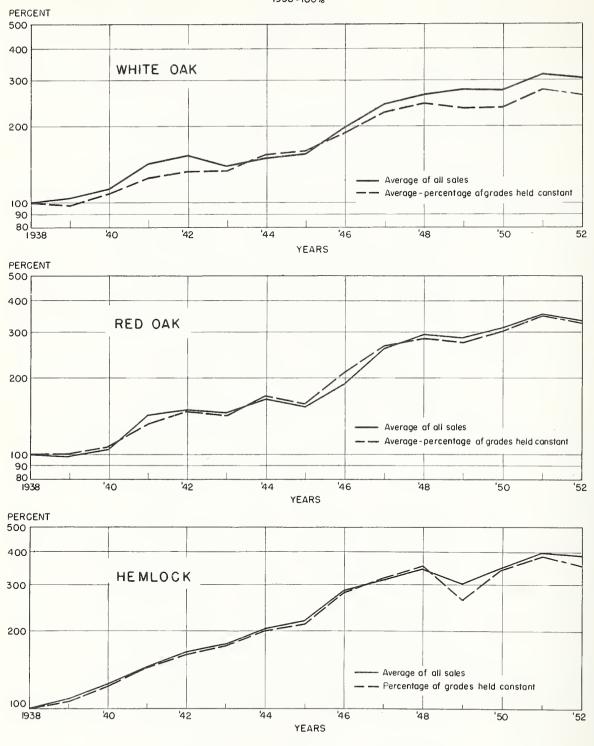
APPALACHIAN LUMBER PRICES 1938-1952 INCLUSIVE





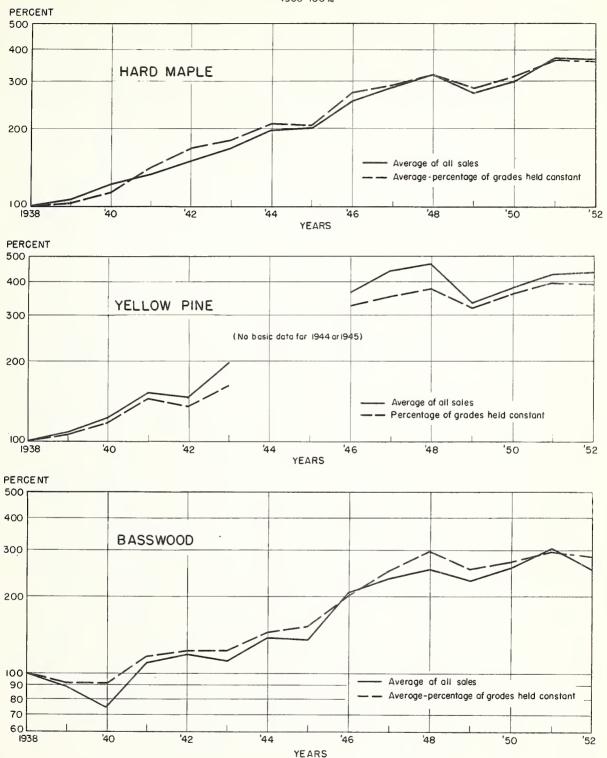
APPALACHIAN LUMBER PRICES

1938 - 1952 INCLUSIVÉ 1938 = 100%



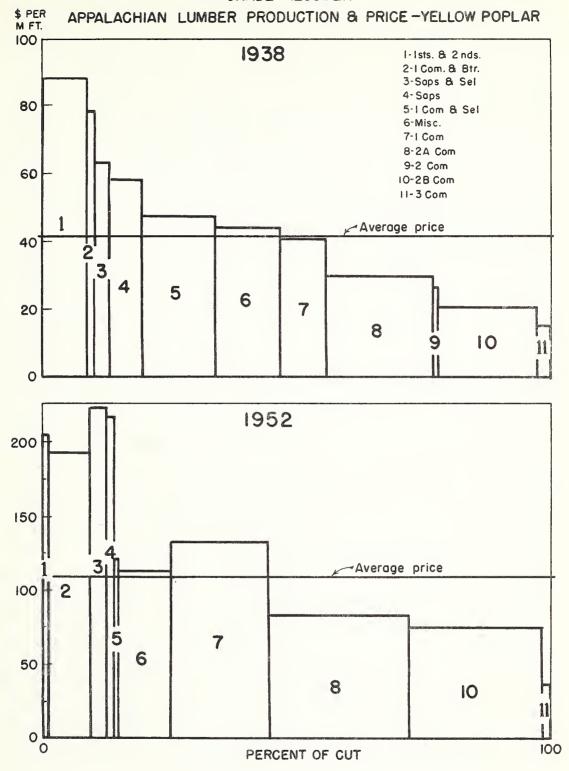
APPALACHIAN LUMBER PRICES

1938-1952 INCLUSIVE 1938-100%





GRADE RECOVERY



GRADE RECOVERY \$ PER APPALACHIAN LUMBER PRODUCTION & PRICE - HARD MAPLE M FT. 108 1938 I-Ists & 2nds 2-1 Com. & Bir. 3-1 Com. 4-1 Com. & Sel. 60 5-Misc. 6-2 Com. Average price 40 4 20 5 6 0 250 1952 200 -Average price 150 2 100 3

PERCENT OF CUT

50

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GRADE RECOVERY

